

Experiment Number: 20006 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/HSD

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 04/16/2013

Time Report Requested: 09:53:55

First Dose M/F: 03/14/07 / 03/15/07

Lab: BAT

F1_HSD

NTP Study Number: C20006B

Lock Date: 06/21/2010

Cage Range: ALL

Date Range: ALL

Reasons For Removal: ALL

Removal Date Range: ALL

Treatment Groups: Include ALL

Study Gender: Both

TDMSE Version: 3.0.1.1_001

PWG Approval Date: NONE

Note: Animals arranged according to days on test.

Experiment Number: 20006 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/HSD

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 04/16/2013
 Time Report Requested: 09:53:55
 First Dose M/F: 03/14/07 / 03/15/07
 Lab: BAT

HARLAN SPRAGUE DAWLEY RATS MALE 0 mg/kg	DAY ON TEST																									males (cont...)		
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
ANIMAL ID	1	1	4	4	4	4	4	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
	8	9	2	3	4	5	8	0	3	7	7	9	3	3	3	4	5	6	6	6	8	8	8	8	8	8	8	
8	8	7	1	8	4	0	5	5	9	5	5	9	1	4	5	6	6	6	9	1	2	4	5	5	5	9	9	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	3	0	3	1	5	0	4	2	4	1	2	1	1	0	1	2	1	3	2	1	3	1	1	3	1	1	3	0
	2	4	6	3	0	8	9	1	5	9	2	6	0	3	8	3	1	3	5	2	1	4	5	0	9	9	9	

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Duodenum	A	+	+	+	+	A	+	+	A	+	+	A	A	A	+	+	A	+	+	+	+	+	+	+	+	+	
Intestine Small, Ileum	A	+	+	+	+	A	A	A	+	A	A	A	+	+	A	A	A	+	A	+	A	+	+	+	+	+	
Intestine Small, Jejunum	A	+	+	+	+	A	+	+	A	+	+	A	A	A	+	+	A	A	A	+	A	+	+	+	+	+	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hepatocellular Adenoma																											X
Mesentery																											+
Oral Mucosa	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Squamous Cell Carcinoma																											
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Acinus, Adenoma																											X
Acinus, Adenoma, Multiple																											
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Schwannoma Malignant																											X
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Experiment Number: 20006 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/HSD

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 04/16/2013
 Time Report Requested: 09:53:55
 First Dose M/F: 03/14/07 / 03/15/07
 Lab: BAT

HARLAN SPRAGUE DAWLEY RATS MALE 0 mg/kg	DAY ON TEST																									* TOTALS	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
ANIMAL ID	9	9	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	* TOTALS
	3	5	6	0	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	1	4	2	4	0	0	0	0	2	2	3	4	0	0	3	3	3	3	3	4	4	2	2	4	4	4	4
7	7	1	4	7	1	2	5	6	9	7	4	6	7	4	5	8	9	0	6	0	8	2	3	8	8	8	8

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43
Intestine Small, Ileum	+	+	A	A	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	35
Intestine Small, Jejunum	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	40
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hepatocellular Adenoma																										1
Mesentery																	+									2
Oral Mucosa	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Squamous Cell Carcinoma																		X								1
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Acinus, Adenoma																		X								4
Acinus, Adenoma, Multiple																		X								1
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Schwannoma Malignant																										1
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Experiment Number: 20006 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/HSD

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 04/16/2013
 Time Report Requested: 09:53:55
 First Dose M/F: 03/14/07 / 03/15/07
 Lab: BAT

HARLAN SPRAGUE DAWLEY RATS MALE 0 mg/kg	DAY ON TEST ANIMAL ID																									* TOTALS		
		0 6 9 3	0 6 9 5	0 7 1 6	0 7 2 0	0 7 2 6	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 8	0 7 2 9	0 7 2 9	0 7 2 9	0 7 2 9	0 7 2 9	0 7 2 9										
Squamous Cell Carcinoma																			X							1		
Stomach, Glandular		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50			
Tooth							+																			1		
CARDIOVASCULAR SYSTEM																												
Blood Vessel		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Heart		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	1		
Schwannoma Malignant																												
ENDOCRINE SYSTEM																												
Adrenal Cortex		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Adrenal Medulla		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Pheochromocytoma Benign																												5
Pheochromocytoma Complex																												1
Pheochromocytoma Malignant																												2
Islets, Pancreatic Adenoma		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
		X																										2
Parathyroid Gland		+	+	+	M	+	+	+	M	+	M	+	+	+	+	+	M	M	+	+	+	+	+	M	+	43		
Pituitary Gland Pars Distalis, Adenoma		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
		X																										5
Thyroid Gland Bilateral, C-cell, Adenoma		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
																												2

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Experiment Number: 20006 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/HSD

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 04/16/2013
 Time Report Requested: 09:53:55
 First Dose M/F: 03/14/07 / 03/15/07
 Lab: BAT

HARLAN SPRAGUE DAWLEY RATS MALE 0 mg/kg	DAY ON TEST ANIMAL ID	* TOTALS																								
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
		9	9	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		3	5	6	0	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		2	1	4	2	4	0	0	0	0	2	2	3	4	0	0	3	3	3	3	4	4	2	2	4	
		7	7	1	4	7	1	2	5	6	9	7	4	6	7	4	5	8	9	0	6	0	8	2	3	8
C-cell, Adenoma		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	11	

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Seminal Vesicle	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Testes	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Interstitial Cell, Adenoma																									X	3

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Lymph Node																									X	4
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hemangiosarcoma																									X	1
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Thymus	+	M	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Experiment Number: 20006 - 03

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 04/16/2013

Test Type: CHRONIC

Indole-3-carbinol

Time Report Requested: 09:53:55

Route: GAVAGE

CAS Number: 700-06-1

First Dose M/F: 03/14/07 / 03/15/07

Species/Strain: RATS/HSD

Lab: BAT

DAY ON TEST																					* TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HARLAN SPRAGUE DAWLEY RATS MALE	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
0 mg/kg	9	9	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	3	5	6	0	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	1	4	2	4	0	0	0	2	2	3	4	0	0	3	3	3	3	4	2	4
	7	7	1	4	7	1	2	5	6	9	7	4	6	7	4	5	8	9	0	6	0
	7	7	1	4	7	1	2	5	6	9	7	4	6	7	4	5	8	9	0	6	0
	7	7	1	4	7	1	2	5	6	9	7	4	6	7	4	5	8	9	0	6	0

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Lacrimal Gland																					1

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Renal Tubule, Adenoma	X																				1
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

SYSTEMIC LESIONS

Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Mesothelioma Malignant	X																				1

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

X .. Lesion present

BLANK .. Not examined microscopically

I .. Insufficient tissue

Experiment Number: 20006 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/HSD

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Indole-3-carbino

CAS Number: 700-06-1

Date Report Requested: 04/16/2013

Time Report Requested: 09:53:55

First Dose M/F: 03/14/07 / 03/15/07

Lab: BAT

ALIMENTARY SYSTEM

* Total animals with tissue examined microscopically: Total animals with tumor

± .. Tissue examined microscopically

X Lesion present

| Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK Not examined microscopically

Experiment Number: 20006 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/HSD

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 04/16/2013
 Time Report Requested: 09:53:55
 First Dose M/F: 03/14/07 / 03/15/07
 Lab: BAT

HARLAN SPRAGUE DAWLEY RATS MALE 75 mg/kg	DAY ON TEST ANIMAL ID	males (cont...)																								
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1	3	3	4	4	4	4	4	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	
9	5	8	4	4	5	5	8	0	1	3	5	6	7	8	9	0	1	1	1	1	2	3	3	3	4	
1	7	2	1	8	4	6	9	5	6	3	9	9	1	2	7	2	4	6	7	7	3	7	7	8	8	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		7	6	5	5	8	6	8	9	8	7	8	7	5	7	9	9	7	9	8	6	7	7	5	7	6
		3	0	4	5	3	8	5	2	6	9	8	4	9	0	5	0	5	8	4	2	7	7	8	3	6

Follicular Cell, Adenoma

X

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis

+

Preputial Gland

+

Prostate

+

Seminal Vesicle

+

Testes

+

Interstitial Cell, Adenoma

HEMATOPOIETIC SYSTEM

Bone Marrow

+

Lymph Node

+

Lymph Node, Mandibular

+

Lymph Node, Mesenteric

+

Spleen

+

Thymus

+

Thymoma Benign

M

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

X .. Lesion present

BLANK .. Not examined microscopically

I .. Insufficient tissue

Experiment Number: 20006 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/HSD

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 04/16/2013
 Time Report Requested: 09:53:55
 First Dose M/F: 03/14/07 / 03/15/07
 Lab: BAT

HARLAN SPRAGUE DAWLEY RATS MALE 75 mg/kg	DAY ON TEST ANIMAL ID																									* TOTALS
		0 6 5 0	0 6 5 1	0 6 6 1	0 6 7 9	0 6 8 0	0 6 8 5	0 6 9 9	0 6 9 2	0 7 5 3	0 7 2 7	0 7 2 7	0 7 2 8	0 7 2 8	0 7 2 8	0 7 2 8	0 7 2 8	0 7 2 9								
		0 0 0 0	* TOTALS																							

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Intestine Large, Cecum Lipoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	X	+	+	50 1	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Intestine Small, Duodenum Carcinoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48 1	
Intestine Small, Ileum	+	+	A	+	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43	
Intestine Small, Jejunum	+	A	A	+	A	A	+	+	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	39	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Mesentery																											2
Oral Mucosa	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Acinus, Adenoma																											1
Acinus, Adenoma, Multiple																											3
X																											
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Experiment Number: 20006 - 03

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/HSD

Indole-3-carbino

CAS Number: 700-06-1

Date Report Requested: 04/16/2013

Time Report Requested: 09:53:55

First Dose M/F: 03/14/07 / 03/15/07

Lab: BAT

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

X .. Lesion present

BLANK .. Not examined microscopically

I .. Insufficient tissue

Experiment Number: 20006 - 03

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/HSD

Indole-3-carbino

CAS Number: 700-06-1

Date Report Requested: 04/16/2013

Time Report Requested: 09:53:55

First Dose M/F: 03/14/07 / 03/15/07

Lab: BAT

Follicular Cell, Adenoma

1

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Interstitial Cell, Adenoma										X											X		2

HEMATOPOIETIC SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I., Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Experiment Number: 20006 - 03

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 04/16/2013

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/HSD

Indole-3-carbino

CAS Number: 700-06-1

Time Report Requested: 09:53:55

First Dose M/F: 03/14/07 / 03/15/07

Lab: BAT

Lab. DAY

HARLAN SPRAGUE DAWLEY RATS MALE 75 mg/kg	DAY ON TEST																						
		0 6 5 0	0 6 5 1	0 6 6 1	0 7 7 9	0 8 8 0	0 5 9	0 9 2	0 9 5	0 6 3	0 7 7	0 7 7	0 7 7	0 7 7	0 7 8	0 7 8	0 7 8	0 7 8	0 7 9	0 7 9	0 7 9		
ANIMAL ID		0 0 0 0 0 0 7 2	0 0 0 0 0 0 8 9	0 0 0 0 0 0 8 7	0 0 0 0 0 0 9 6	0 0 0 0 0 0 5 4	0 0 0 0 0 0 9 8	0 0 0 0 0 0 5 6	0 0 0 0 0 0 1 7	0 0 0 0 0 0 6 1	0 0 0 0 0 0 5 1	0 0 0 0 0 0 6 1	0 0 0 0 0 0 4 1	0 0 0 0 0 0 6 4	0 0 0 0 0 0 8 0	0 0 0 0 0 0 9 7	0 0 0 0 0 0 6 3	0 0 0 0 0 0 6 5	0 0 0 0 0 0 8 2	0 0 0 0 0 0 9 1	0 0 0 0 0 0 5 9	0 0 0 0 0 0 2 1	0 0 0 0 0 0 0 0
		0 0 0 0 0 0 8 2	0 0 0 0 0 0 7 9	0 0 0 0 0 0 6 6	0 0 0 0 0 0 4 4	0 0 0 0 0 0 5 8	0 0 0 0 0 0 6 6	0 0 0 0 0 0 7 1	0 0 0 0 0 0 6 1	0 0 0 0 0 0 5 1	0 0 0 0 0 0 6 1	0 0 0 0 0 0 5 1	0 0 0 0 0 0 6 1	0 0 0 0 0 0 4 1	0 0 0 0 0 0 6 4	0 0 0 0 0 0 8 0	0 0 0 0 0 0 9 7	0 0 0 0 0 0 6 3	0 0 0 0 0 0 6 5	0 0 0 0 0 0 8 2	0 0 0 0 0 0 9 1	0 0 0 0 0 0 5 9	0 0 0 0 0 0 2 1

INTEGUMENTARY SYSTEM

Mammary Gland Fibroadenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
																								1
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Basal Cell Carcinoma																								1
Sebaceous Gland, Adenoma																								1
Subcutaneous Tissue, Fibroma																								2
Subcutaneous Tissue, Fibrosarcoma																								2
Subcutaneous Tissue, Sarcoma																						X		2

MUSCULOSKELETAL SYSTEM

NERVOUS SYSTEM

RESPIRATORY SYSTEM

* Total animals with tissue examined microscopically: Total animals with tumor

± .. Tissue examined microscopically

X - Lesion present

A.1.2. Lesion present

M - Missing tissue

A .. Autolysis precludes evaluation

BLANK - Not examined microscopically

Experiment Number: 20006 - 03

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: CHRONIC

Route: Gavage

Species/Strain: RATS/HSD

Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 04/16/2013

Time Report Requested: 09:53:55

First Dose M/F: 03/14/07 / 03/15/07

Lab: BAT

SPECIAL SENSES SYSTEM

URINARY SYSTEM

SYSTEMIC LESIONS

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

| ... Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Experiment Number: 20006 - 03

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 04/16/2013

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/HSD

Indole-3-carbino

CAS Number: 700-06-1

Time Report Requested: 09:53:55

First Dose M/E: 03/14/07 / 03/15/07

Lab: BAT

ALIMENTARY SYSTEM

* ... Total animals with tissue examined microscopically: Total animals with tumor

± .. Tissue examined microscopically

X Lesion present

✓ .. Lesion present

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK Not examined microscopically

Experiment Number: 20006 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/HSD

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 04/16/2013
 Time Report Requested: 09:53:55
 First Dose M/F: 03/14/07 / 03/15/07
 Lab: BAT

HARLAN SPRAGUE DAWLEY RATS MALE 150 mg/kg	DAY ON TEST																										
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	3	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	
	6	2	6	8	8	9	0	0	3	1	6	9	8	7	0	3	7	1	6	2	4	7	5	6	6	9	
	7	3	8	2	6	9	0	3	1	6	9	8	7	0	3	7	4	1	6	3	4	7	5	6	6	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Squamous Cell Papilloma																											
Stomach, Glandular		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Tooth		+																									

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pheochromocytoma Benign																										
Pheochromocytoma Malignant																										
Bilateral, Pheochromocytoma Benign																										
Islets, Pancreatic Adenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pituitary Gland Pars Distalis, Adenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Thyroid Gland Bilateral, C-cell, Adenoma	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A
C-cell, Adenoma									X																	

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Experiment Number: 20006 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/HSD

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 04/16/2013
 Time Report Requested: 09:53:55
 First Dose M/F: 03/14/07 / 03/15/07
 Lab: BAT

HARLAN SPRAGUE DAWLEY RATS MALE 150 mg/kg	DAY ON TEST ANIMAL ID																									
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		3	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6
		6	2	6	8	8	9	0	0	3	1	6	9	8	7	0	3	7	3	4	1	6	2	4	7	6
		7	3	8	2	6	9	0	3	1	6	9	8	7	0	3	7	3	4	1	6	2	4	7	6	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		2	2	3	2	1	3	0	0	4	3	4	3	2	3	0	2	0	4	1	3	1	0	3	4	3
		3	1	8	8	4	4	6	9	5	9	1	1	4	2	3	9	8	8	9	3	0	7	7	6	6

males
(cont...)

C-cell, Carcinoma

X

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis

+

Preputial Gland

+

Prostate

+

Seminal Vesicle

+

Testes

+

Interstitial Cell, Adenoma

X

HEMATOPOIETIC SYSTEM

Bone Marrow

+

Lymph Node

+

Lymph Node, Mandibular

+

Lymph Node, Mesenteric

+

Spleen

+

Thymus

+

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

X .. Lesion present

BLANK .. Not examined microscopically

I .. Insufficient tissue

Experiment Number: 20006 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/HSD

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 04/16/2013
 Time Report Requested: 09:53:55
 First Dose M/F: 03/14/07 / 03/15/07
 Lab: BAT

HARLAN SPRAGUE DAWLEY RATS MALE 150 mg/kg	DAY ON TEST ANIMAL ID																									males (cont...)
		0 3 6 7	0 4 2 3	0 4 6 8	0 4 8 2	0 5 0 0	0 5 3 3	0 5 4 1	0 5 6 6	0 5 7 8	0 5 8 3	0 5 9 7	0 5 9 3	0 5 9 4	0 6 1 1	0 6 1 6	0 6 2 3	0 6 2 4	0 6 5 7	0 6 6 4	0 6 6 6	0 6 6 0				
		0 0 1 2 3	0 0 1 2 1	0 0 1 3 8	0 0 1 0 8	0 0 0 0 9	0 0 1 0 5	0 0 1 3 9	0 0 1 4 6	0 0 3 3 9	0 0 2 2 1	0 0 3 0 4	0 0 2 1 1	0 0 1 1 1												

SPECIAL SENSES SYSTEM

Ear

+

Eye

+

Harderian Gland

+

Lacrimal Gland

+

URINARY SYSTEM

Kidney

+

Urinary Bladder

+

SYSTEMIC LESIONS

Multiple Organ
Lymphoma Malignant

+

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Experiment Number: 20006 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/HSD

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 04/16/2013
 Time Report Requested: 09:53:55
 First Dose M/F: 03/14/07 / 03/15/07
 Lab: BAT

HARLAN SPRAGUE DAWLEY RATS MALE 150 mg/kg	DAY ON TEST																									* TOTALS		
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
ANIMAL ID	9	9	0	0	0	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	* TOTALS
	3	7	6	9	9	1	2	3	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Intestine Small, Ileum	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42
Intestine Small, Jejunum	+	A	A	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	40
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Mesentery	+																									1
Fat, Sarcoma	X																									1
Oral Mucosa	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Squamous Cell Carcinoma																										1
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Mixed Tumor Malignant																										1
Acinus, Adenoma																										4
X																										
Salivary Glands	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Squamous Cell Carcinoma																										1

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Experiment Number: 20006 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/HSD

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 04/16/2013
 Time Report Requested: 09:53:55
 First Dose M/F: 03/14/07 / 03/15/07
 Lab: BAT

HARLAN SPRAGUE DAWLEY RATS MALE 150 mg/kg	DAY ON TEST ANIMAL ID																									* TOTALS	
		0 6 9 3	0 6 0 7	0 7 0 9	0 7 1 1	0 7 1 2	0 7 2 3	0 7 2 7	0 7 2 8	0 7 2 8	0 7 2 9	0 7 2 9	0 7 2 9	0 7 2 9	0 7 2 9	0 7 2 9											
Squamous Cell Papilloma																									X	1	
Stomach, Glandular		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Tooth																										1	
CARDIOVASCULAR SYSTEM																											
Blood Vessel		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Heart		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
ENDOCRINE SYSTEM																											
Adrenal Cortex		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Adrenal Medulla		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Pheochromocytoma Benign																										X	4
Pheochromocytoma Malignant																											1
Bilateral, Pheochromocytoma Benign																											1
Islets, Pancreatic Adenoma		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Parathyroid Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Pituitary Gland Pars Distalis, Adenoma		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Thyroid Gland Bilateral, C-cell, Adenoma C-cell, Adenoma		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
																										X	1
																											8

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Experiment Number: 20006 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/HSD

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 04/16/2013
 Time Report Requested: 09:53:55
 First Dose M/F: 03/14/07 / 03/15/07
 Lab: BAT

HARLAN SPRAGUE DAWLEY RATS MALE 150 mg/kg	DAY ON TEST ANIMAL ID																									* TOTALS
		0 6 9 3	0 6 0 7	0 7 0 9	0 7 1 1	0 7 1 2	0 7 2 3	0 7 2 7	0 7 2 8	0 7 2 8	0 7 2 9	0 7 2 9	0 7 2 9	0 7 2 9	0 7 2 9											
		0 0 1 0	0 0 1 4	0 0 1 7	0 0 1 3	0 0 1 5	0 0 2	0 0 3	0 0 6	0 0 8	0 0 2	0 0 4	0 0 4	0 0 4	0 0 4	0 0 4	0 0 4	0 0 5	0 0 0	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1	1

C-cell, Carcinoma

1

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Preputial Gland	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Interstitial Cell, Adenoma																									2

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Lymph Node		+		+		+																				8
Lymph Node, Mandibular	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Experiment Number: 20006 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/HSD

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 04/16/2013
 Time Report Requested: 09:53:55
 First Dose M/F: 03/14/07 / 03/15/07
 Lab: BAT

DAY ON TEST																										
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
9	9	0	0	0	0	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	3	7	6	9	9	1	2	3	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
HARLAN SPRAGUE DAWLEY RATS MALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150 mg/kg		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANIMAL ID		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		0	4	2	0	1	4	4	1	0	1	1	1	1	1	2	4	4	4	5	0	3	1	2	2	3
		1	0	5	4	7	3	7	1	5	2	3	6	8	2	2	4	9	0	2	0	5	0	6	7	5
* TOTALS																										

INTEGUMENTARY SYSTEM

Mammary Gland Fibroadenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
																										1
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Squamous Cell Carcinoma																										1
Squamous Cell Papilloma																										1
Subcutaneous Tissue, Fibroma																X	X									5
Subcutaneous Tissue, Fibrosarcoma																										1
Subcutaneous Tissue, Schwannoma Malignant															X											1

MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

NERVOUS SYSTEM

Brain Medulloblastoma Mal	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Spinal Cord																										1

RESPIRATORY SYSTEM

Lung Alveolar/Bronchiolar Adenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

! .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Experiment Number: 20006 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/HSD

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 04/16/2013
Time Report Requested: 09:53:55
First Dose M/F: 03/14/07 / 03/15/07
Lab: BAT

HARLAN SPRAGUE DAWLEY RATS MALE 150 mg/kg	DAY ON TEST ANIMAL ID																								
		0 6 9 3	0 6 9 7	0 7 0 9	0 7 0 9	0 7 1 1	0 7 1 2	0 7 2 3	0 7 2 7	0 7 2 8	0 7 2 8	0 7 2 9	0 7 2 9	0 7 2 9	0 7 2 9	0 7 2 9	0 7 2 9								
		0 0 1 0 1 0	0 0 1 2 0 5	0 0 1 1 1 4	0 0 1 4 1 7	0 0 1 1 0 3	0 0 1 1 0 5	0 0 1 1 1 2	0 0 1 1 1 3	0 0 1 1 1 6	0 0 1 1 1 8	0 0 1 1 2 2	0 0 1 1 1 8	0 0 1 1 2 4	0 0 1 1 4 4	0 0 1 1 4 9	0 0 1 1 5 0	0 0 1 1 3 0	0 0 1 1 1 5	0 0 1 1 2 0	0 0 1 1 2 5	0 0 1 1 2 0	0 0 1 1 2 6	0 0 1 1 2 7	0 0 1 1 2 5

* TOTALS

SPECIAL SENSES SYSTEM

Ear	+	1
Eye	+	49
Harderian Gland	+	49
Lacrimal Gland	+	4

URINARY SYSTEM

Kidney	+	50
Urinary Bladder	+	50

SYSTEMIC LESIONS

Multiple Organ Lymphoma Malignant	+	50
	X	1

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Experiment Number: 20006 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/HSD

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 04/16/2013
 Time Report Requested: 09:53:55
 First Dose M/F: 03/14/07 / 03/15/07
 Lab: BAT

HARLAN SPRAGUE DAWLEY RATS MALE 300 mg/kg	DAY ON TEST																									males (cont...)	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	1	2	3	4	4	4	4	4	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6
	9	5	0	0	1	6	7	9	9	1	3	3	3	7	8	9	1	1	2	5	7	2	1	9	0	5	1
0	0	8	6	1	2	2	7	6	8	9	1	2	3	4	5	9	7	1	2	5	7	1	2	9	0	5	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	8	6	7	6	7	5	9	5	8	0	9	9	5	6	5	8	9	5	9	5	9	5	6	8	7	7	7
0	1	8	3	6	6	4	3	6	8	0	7	4	5	0	7	2	6	8	9	9	3	5	7	4			

ALIMENTARY SYSTEM

Esophagus

+

Intestine Large, Cecum

+

Intestine Large, Colon

+

Intestine Large, Rectum

+

Intestine Small, Duodenum

+

Intestine Small, Ileum

A

Intestine Small, Jejunum
Carcinoma

+

Liver
Carcinoma, Metastatic, Pancreas
Hepatocellular Carcinoma

+

X

Oral Mucosa
Squamous Cell Carcinoma

+

X

Pancreas
Carcinoma
Acinus, Adenoma
Acinus, Adenoma, Multiple

+

X

Salivary Glands
Schwannoma Malignant

+

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

X .. Lesion present

BLANK .. Not examined microscopically

I .. Insufficient tissue

Experiment Number: 20006 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/HSD

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 04/16/2013
 Time Report Requested: 09:53:55
 First Dose M/F: 03/14/07 / 03/15/07
 Lab: BAT

HARLAN SPRAGUE DAWLEY RATS MALE 300 mg/kg	DAY ON TEST ANIMAL ID																									
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		1	2	3	4	4	4	4	4	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6
		9	5	0	0	1	6	7	9	9	1	3	3	3	7	8	9	1	2	1	5	7	2	4	4	5
		0	8	6	1	2	2	7	6	8	9	1	2	4	5	9	7	1	2	5	7	2	9	0	5	1
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		8	8	6	7	6	7	5	9	5	8	0	9	9	5	6	5	8	9	5	5	9	5	6	8	7
		0	1	8	3	6	6	4	3	6	8	0	7	4	5	0	7	2	6	8	9	9	3	5	7	4

males
(cont...)

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Interstitial Cell, Adenoma																		X								

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node								+	+																	+
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma																										
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Thymus	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Neural Crest Tumor																										

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Experiment Number: 20006 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/HSD

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 04/16/2013
 Time Report Requested: 09:53:55
 First Dose M/F: 03/14/07 / 03/15/07
 Lab: BAT

DAY ON TEST																									
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HARLAN SPRAGUE DAWLEY RATS	1	2	3	4	4	4	4	4	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6
MALE	9	5	0	0	1	6	7	9	1	3	3	3	7	8	9	1	2	1	5	7	2	1	4	5	1
300 mg/kg	0	8	6	1	2	2	7	6	8	1	2	3	4	5	9	7	1	2	5	7	1	2	9	0	5
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	8	8	6	7	6	7	5	9	5	8	0	9	9	5	6	5	8	9	5	9	5	6	8	7	7
	0	1	8	3	6	6	4	3	6	8	0	7	4	5	0	7	2	6	8	9	9	3	5	7	4

males
(cont...)

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Squamous Cell Papilloma																									X
Subcutaneous Tissue, Fibroma																									X
Subcutaneous Tissue, Fibrosarcoma																									
Subcutaneous Tissue, Fibrous Histiocytoma																									

MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Vertebra, Osteoma																									

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cerebellum, Glioma Malignant																									X

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Carcinoma, Metastatic, Adrenal Cortex																									
Fibrous Histiocytoma, Metastatic, Skin																									

Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

SPECIAL SENSES SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20006 - 03

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 04/16/2013

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/HSD

Indole-3-carbino

CAS Number: 700-06-1

Time Report Requested: 09:53:55

Time Report Requested: 00:00:00

First Dose M/F: 03/14/07 / 03/15/07

Lab: BAT

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Duodenum	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Intestine Small, Ileum	+	+	+	+	A	+	A	A	+	+	+	+	+	+	+	+	A	+	+	+	+	38
Intestine Small, Jejunum Carcinoma	A	+	A	+	A	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	42
																X						1
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Carcinoma, Metastatic, Pancreas																						1
Hepatocellular Carcinoma																						1
Oral Mucosa	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Squamous Cell Carcinoma																						1
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Carcinoma																						1
Acinus, Adenoma																						4
Acinus, Adenoma, Multiple																						1
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Schwannoma Malignant																	X					1

* Total animals with tissue examined microscopically; Total animals with tumor

+ Tissue examined microscopically

Y Lesion present

X .. Lesion present

M Missing tissue

A Autolysis precludes evaluation

BLANK Not examined microscopically.

Experiment Number: 20006 - 03

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 04/16/2013

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/HSD

Indole-3-carbino

CAS Number: 700-06-1

Time Report Requested: 09:53:55

First Dose M/F: 03/14/07 / 03/15/07

Lab: BAT

Lab. DAY

CARDIOVASCULAR SYSTEM

ENDOCRINE SYSTEM

* Total animals with tissue examined microscopically: Total animals with tumor

± .. Tissue examined microscopically

X - Lesion present

A.1.2. Lesion present

M - Missing tissue

A .. Autolysis precludes evaluation

BLANK - Not examined microscopically

Experiment Number: 20006 - 03

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/HSD

Indole-3-carbino

CAS Number: 700-06-1

Date Report Requested: 04/16/2013

Time Report Requested: 09:53:55

First Dose M/F: 03/14/07 / 03/15/07

Lab: BAT

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Interstitial Cell, Adenoma																		X					2

HEMATOPOIETIC SYSTEM

* .. Total animals with tissue examined microscopically: Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

X. Lesion present

M - Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Experiment Number: 20006 - 03

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/HSD

Indole-3-carbinol

CAS Number: 700-06-

Date Report Requested: 04/16/2013

Time Report Requested: 09:53:55

First Dose M/F: 03/14/07 / 03/15/07

Lab: BAT

INTEGUMENTARY SYSTEM

MUSCULOSKELETAL SYSTEM

NERVOUS SYSTEM

RESPIRATORY SYSTEM

SPECIAL SENSES SYSTEM

* Total animals with tissue examined microscopically: Total animals with tumor

± = Tissue examined microscopically

X Lesion present

X .. Lesion present

M Missing tissue

A. Autolysis precludes evaluation

BLANK Not examined microscopically

Experiment Number: 20006 - 03

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 04/16/2013

Test Type: CHRONIC

Indole-3-carbinol

Time Report Requested: 09:53:55

Route: GAVAGE

CAS Number: 700-06-1

First Dose M/F: 03/14/07 / 03/15/07

Species/Strain: RATS/HSD

Lab: BAT

		DAY ON TEST	HARLAN SPRAGUE DAWLEY RATS MALE																								* TOTALS	
			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
300 mg/kg		ANIMAL ID	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	* TOTALS
			5	5	5	6	6	7	8	0	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
			8	8	9	1	3	3	1	6	0	2	9	0	2	7	7	7	7	7	7	7	7	7	7	7	7	* TOTALS
			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	* TOTALS
			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
			6	7	7	9	5	6	9	8	7	7	9	8	8	5	6	6	6	7	7	7	9	6	8	8	9	* TOTALS
			7	2	0	2	1	9	1	9	8	5	5	4	3	2	1	2	3	1	7	9	8	4	5	6	0	
Eye			+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Harderian Gland			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
URINARY SYSTEM																												
Kidney			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Renal Tubule, Adenoma			X																									1
Urinary Bladder			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
SYSTEMIC LESIONS																												
Multiple Organ			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Leukemia Granulocytic																												1
Lymphoma Malignant																												1

*** END OF MALE DATA ***

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

X .. Lesion present

BLANK .. Not examined microscopically

I .. Insufficient tissue

Experiment Number: 20006 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/HSD

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 04/16/2013
 Time Report Requested: 09:53:55
 First Dose M/F: 03/14/07 / 03/15/07
 Lab: BAT

HARLAN SPRAGUE DAWLEY RATS FEMALE 0 mg/kg	DAY ON TEST																									females (cont...)		
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
ANIMAL ID	2	3	3	4	4	4	4	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	females (cont...)
	8	7	8	2	2	4	4	8	0	0	1	3	8	2	8	7	1	4	7	2	2	4	5	5	6	8	8	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
3	1	3	2	3	3	2	4	0	5	2	3	3	3	2	0	3	1	0	1	0	4	4	1	2	2	1	2	
7	8	5	5	4	9	8	4	1	0	4	8	0	6	7	5	3	6	8	7	0	9	1	6	6	8	8	8	

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	A	+	A	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	A	+	A	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hepatocellular Adenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Oral Mucosa	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma Stromal, Metastatic, Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma Stromal, Metastatic, Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Squamous Cell Carcinoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	X	+	+	+	+	+	+	+	+	+
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Experiment Number: 20006 - 03

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/HSD

Indole-3-carbino

CAS Number: 700-06-

Date Report Requested: 04/16/2013

Time Report Requested: 09:53:55

First Dose M/F: 03/14/07 / 03/15/07

Lab: BAT

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

X .. Lesion present

BLANK .. Not examined microscopically

| Insufficient tissue

BEANK ... Not examined microscopically

Experiment Number: 20006 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/HSD

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 04/16/2013
 Time Report Requested: 09:53:55
 First Dose M/F: 03/14/07 / 03/15/07
 Lab: BAT

HARLAN SPRAGUE DAWLEY RATS FEMALE 0 mg/kg	DAY ON TEST																									* TOTALS	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
ANIMAL ID	9	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	* TOTALS
	5	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hepatocellular Adenoma																	X									2
Oral Mucosa	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Sarcoma Stromal, Metastatic, Uterus																										1
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Sarcoma Stromal, Metastatic, Uterus																										1
Squamous Cell Carcinoma																										1
X																										
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Experiment Number: 20006 - 03

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/HSD

Indole-3-carbino

CAS Number: 700-06-1

Date Report Requested: 04/16/2013

Time Report Requested: 09:53:55

First Dose M/F: 03/14/07 / 03/15/07

Lab: BAT

* Total animals with tissue examined microscopically; Total animals with tumor.

+ Tissue examined microscopically

+ .. Tissue examined
X Lesion present

✓ .. Lesion present

M Missing tissue

M .. Missing tissue
A Autolysis precludes evaluation

BLANK Not examined microscopically.

Experiment Number: 20006 - 03

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: CHRONIC

Route: Gavage

Species/Strain: RATS/HSD

Indole-3-carbino

CAS Number: 700-06-1

Date Report Requested: 04/16/2013

Time Report Requested: 09:53:55

First Dose M/F: 03/14/07 / 03/15/07

Lab: BAT

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

X - Lesion present

BLANK - Not examined microscopically

| Insufficient tissue

Experiment Number: 20006 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/HSD

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 04/16/2013
 Time Report Requested: 09:53:55
 First Dose M/F: 03/14/07 / 03/15/07
 Lab: BAT

HARLAN SPRAGUE DAWLEY RATS FEMALE 0 mg/kg	DAY ON TEST ANIMAL ID	* TOTALS																								
		0 6 9 5	0 7 1 9	0 7 1 9	0 7 2 9																					
Trachea		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
SPECIAL SENSES SYSTEM																										50
Eye		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Harderian Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
URINARY SYSTEM																										50
Kidney		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Urinary Bladder		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
SYSTEMIC LESIONS																										50
Multiple Organ Histiocytic Sarcoma		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	1

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Experiment Number: 20006 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/HSD

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 04/16/2013
 Time Report Requested: 09:53:55
 First Dose M/F: 03/14/07 / 03/15/07
 Lab: BAT

HARLAN SPRAGUE DAWLEY RATS FEMALE 75 mg/kg	DAY ON TEST ANIMAL ID																									females (cont...)
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	3	3	3	3	3	4	4	4	4	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	7
	8	1	3	7	8	2	6	8	9	0	3	1	1	6	2	2	2	3	4	4	5	4	5	5	6	7
	7	3	5	9	8	0	3	1	2	9	1	1	6	2	2	2	3	5	4	5	4	5	5	6	9	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	9	7	9	6	8	8	9	8	8	7	5	8	8	5	5	5	5	7	8	9	6	6	9	8	7	
	8	2	6	2	6	9	2	8	4	5	7	5	0	6	5	8	9	7	3	5	1	3	1	1	1	

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Duodenum	+	A	+	+	+	+	+	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Ileum	+	A	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Jejunum	+	A	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	A	+	A	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hepatocellular Adenoma																										
Hepatocellular Carcinoma																										
Mesentery																										
Fat, Adenocarcinoma, Metastatic, Uterus																										
Oral Mucosa	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pancreas	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenocarcinoma, Metastatic, Uterus																										
Acinus, Adenoma																										
Salivary Glands	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Experiment Number: 20006 - 03

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/HSD

Indole-3-carbino

CAS Number: 700-06-1

Date Report Requested: 04/16/2013

Time Report Requested: 09:53:55

First Dose M/F: 03/14/07 / 03/15/07

Lab: BAT

HARLAN SPRAGUE DAWLEY RATS FEMALE 75 mg/kg	DAY ON TEST	ANIMAL ID																					
			0 7 0 6	0 7 1 0	0 7 1 3	0 7 9 9	0 7 2 9	0 7 2 9	0 7 2 9	0 7 2 9	0 7 3 0												
			0 0 2 9 3	0 0 2 6 7	0 0 2 5 0	0 0 2 5 3	0 0 2 7 2	0 0 2 6 5	0 0 2 7 0	0 0 2 7 4	0 0 2 8 7	0 0 2 5 4	0 0 2 6 4	0 0 2 6 6	0 0 2 6 8	0 0 2 6 9	0 0 2 7 8	0 0 2 7 9	0 0 2 8 2	0 0 2 9 0	0 0 2 9 4	0 0 2 9 7	0 0 2 9 9
			0 0 2 9 3	0 0 2 6 7	0 0 2 5 0	0 0 2 5 3	0 0 2 7 2	0 0 2 6 5	0 0 2 7 0	0 0 2 7 4	0 0 2 8 7	0 0 2 5 4	0 0 2 6 4	0 0 2 6 6	0 0 2 6 8	0 0 2 6 9	0 0 2 7 8	0 0 2 7 9	0 0 2 8 2	0 0 2 9 0	0 0 2 9 4	0 0 2 9 7	0 0 2 9 9

ALIMENTARY SYSTEM

* ... Total animals with tissue examined microscopically: Total animals with tumor

± .. Tissue examined microscopically

X ... Lesion present

X .. Lesion present

M - Missing tissue

A .. Autolysis precludes evaluation

BI ANK - Not examined microscopically

Experiment Number: 20006 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/HSD

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 04/16/2013
 Time Report Requested: 09:53:55
 First Dose M/F: 03/14/07 / 03/15/07
 Lab: BAT

HARLAN SPRAGUE DAWLEY RATS FEMALE 75 mg/kg	DAY ON TEST ANIMAL ID																									* TOTALS		
		0 7 0 6	0 7 1 0	0 9																								
Thymus		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
INTEGUMENTARY SYSTEM																												
Mammary Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Adenoma																												1
Carcinoma																												2
Fibroadenoma		X	X	X	X																							23
Fibroadenoma, Multiple					X																							8
Skin		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
MUSCULOSKELETAL SYSTEM																												
Bone		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
NERVOUS SYSTEM																												
Brain		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Peripheral Nerve																												2
Trigeminal, Schwannoma Malignant																												1
Spinal Cord																												1
RESPIRATORY SYSTEM																												
Lung		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Adenocarcinoma, Metastatic, Uterus																												1
Cystic Keratinizing Epithelioma																												1
Nose		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Experiment Number: 20006 - 03

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/HSD

Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 04/16/2013

Time Report Requested: 09:53:55

First Dose M/F: 03/14/07 / 03/15/07

Lab: BAT

* .. Total animals with tissue examined microscopically: Total animals with tumo

+ .. Tissue examined microscopically

X - Lesion present

X .. Lesion present

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK - Not examined microscopically

Experiment Number: 20006 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/HSD

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 04/16/2013
 Time Report Requested: 09:53:55
 First Dose M/F: 03/14/07 / 03/15/07
 Lab: BAT

HARLAN SPRAGUE DAWLEY RATS FEMALE 150 mg/kg	DAY ON TEST																									females (cont...)
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	1	1	3	3	3	3	3	4	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	6	8	0	2	9	9	9	4	1	2	4	9	9	0	1	1	1	3	3	3	4	4	4	4	4	4
	0	9	7	9	3	7	6	6	6	8	0	6	8	1	4	5	1	1	9	3	4	5	5	6	6	6
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	4	3	4	1	2	4	0	1	2	0	3	1	1	0	4	0	2	4	0	4	2	2	3	3	3	4
	5	9	7	3	4	9	2	0	1	7	5	7	9	1	8	3	3	0	8	3	0	2	2	1	2	6

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Intestine Small, Duodenum	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Intestine Small, Ileum	+	+	+	+	+	A	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+		
Intestine Small, Jejunum	+	+	+	+	+	A	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+		
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Adenocarcinoma, Metastatic, Uterus																										X	
Hepatocellular Adenoma																										X	
Mesentery																										+	+
Fat, Adenocarcinoma, Metastatic, Uterus																										X	X
Fat, Squamous Cell Carcinoma, Metastatic, Uterus																											X
Oral Mucosa	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Pancreas	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Adenocarcinoma, Metastatic, Uterus																										X	
Salivary Glands	M	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Experiment Number: 20006 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/HSD

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 04/16/2013
 Time Report Requested: 09:53:55
 First Dose M/F: 03/14/07 / 03/15/07
 Lab: BAT

HARLAN SPRAGUE DAWLEY RATS FEMALE 150 mg/kg	DAY ON TEST																									* TOTALS		
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
ANIMAL ID	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	* TOTALS
	6	8	8	8	1	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
3	1	1	1	3	4	1	1	1	2	2	3	3	3	0	0	0	0	1	2	2	2	3	3	4	4	5	5	
0	4	5	8	1	6	2	8	5	9	3	4	4	5	6	9	1	6	7	8	6	7	2	4	4	0	0	0	

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48		
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48		
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48		
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Adenocarcinoma, Metastatic, Uterus																											X	2
Hepatocellular Adenoma																											X	4
Mesentery																												2
Fat, Adenocarcinoma, Metastatic, Uterus																												1
Fat, Squamous Cell Carcinoma, Metastatic, Uterus																												1
Oral Mucosa	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Adenocarcinoma, Metastatic, Uterus																												1
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48		

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Experiment Number: 20006 - 03

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 04/16/2013

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/HSD

Indole-3-carbino

CAS Number: 700-06-1

Time Report Requested: 09:53:55

First Dose M/F: 03/14/07 / 03/15/07

Lab: BAT

Lab. DAY

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

X - Lesion present

BLANK - Not examined microscopically

| Insufficient tissue

Experiment Number: 20006 - 03

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 04/16/2013

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/HSD

Indole-3-carbino

CAS Number: 700-06-1

Time Report Requested: 09:53:55

First Dose M/F: 03/14/07 / 03/15/07

Lab BAT

Squamous Cell Carcinoma, Metastatic, Lung

1

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Carcinoma							X			X														2
Fibroadenoma	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	20
Fibroadenoma, Multiple			X							X													X	4
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Basal Cell Carcinoma																								1
Subcutaneous Tissue, Schwannoma Malignant																	X							1

MUSCULOSKELETAL SYSTEM

NERVOUS SYSTEM

RESPIRATORY SYSTEM

* Total animals with tissue examined microscopically: Total animals with tumors

± = Tissue examined microscopically

Y Lesion present

X .. Lesion present

M Missing tissue

A - Autolysis precludes evaluation

BLANK Not examined microscopically.

Experiment Number: 20006 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/HSD

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 04/16/2013
 Time Report Requested: 09:53:55
 First Dose M/F: 03/14/07 / 03/15/07
 Lab: BAT

HARLAN SPRAGUE DAWLEY RATS FEMALE 150 mg/kg	DAY ON TEST ANIMAL ID	* TOTALS																								
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
6	8	8	8	8	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
4	8	8	8	8	9	7	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
3	1	1	1	3	4	1	1	1	2	2	3	3	3	0	0	0	0	1	2	2	2	3	3	4	4	
0	4	5	8	1	6	2	8	5	9	3	4	4	5	6	9	1	6	7	8	6	7	2	4	4	0	
Trachea		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
SPECIAL SENSES SYSTEM																										
Eye		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Harderian Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
URINARY SYSTEM																										
Kidney		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Capsule, Adenocarcinoma, Metastatic, Uterus																										1
Renal Tubule, Adenoma																										1
Renal Tubule, Adenoma, Multiple																										1
Urinary Bladder		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Squamous Cell Carcinoma																										1
SYSTEMIC LESIONS																										
Multiple Organ		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Lymphoma Malignant																	X									1

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Experiment Number: 20006 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/HSD

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 04/16/2013
 Time Report Requested: 09:53:55
 First Dose M/F: 03/14/07 / 03/15/07
 Lab: BAT

HARLAN SPRAGUE DAWLEY RATS FEMALE 300 mg/kg	DAY ON TEST ANIMAL ID	female (cont...)																							
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	3	4	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7
	7	7	8	9	5	1	6	7	9	0	2	3	4	4	6	7	8	8	9	0	1	9	2	2	2
	5	6	4	7	6	6	3	1	2	5	2	0	5	4	5	5	4	8	2	1	9	2	9	2	9
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	5	6	8	7	5	6	8	9	7	8	5	5	5	9	9	7	9	7	6	6	6	5	5	5	6
	2	1	0	6	5	4	4	0	8	7	1	8	5	8	1	6	0	5	9	6	3	6	9	3	7

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Cecum	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Colon	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Duodenum	+	+	M	M	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Ileum	+	+	M	M	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Jejunum	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Liver	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenocarcinoma, Metastatic, Uterus																										
Mesentery																										
Fat, Adenocarcinoma, Metastatic, Uterus																										
Oral Mucosa	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Squamous Cell Carcinoma																										
Pancreas	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenocarcinoma, Metastatic, Uterus																										
Acinus, Adenoma																										
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Stomach, Forestomach	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Experiment Number: 20006 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/HSD

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 04/16/2013
 Time Report Requested: 09:53:55
 First Dose M/F: 03/14/07 / 03/15/07
 Lab: BAT

HARLAN SPRAGUE DAWLEY RATS FEMALE 300 mg/kg	DAY ON TEST ANIMAL ID																									females (cont...)	
		0 1 7 5	0 1 8 6	0 1 9 4	0 3 5 6	0 4 1 6	0 5 7 3	0 5 9 1	0 6 2 2	0 6 3 0	0 6 4 5	0 6 4 5	0 6 6 4	0 6 7 4	0 6 8 8	0 6 9 2	0 7 0 1	0 7 1 9	0 7 2 9	0 7 2 9	0 7 2 9	0 7 2 9	0 7 2 9	0 7 2 9			
Adenocarcinoma, Metastatic, Uterus																	X										
Squamous Cell Carcinoma																										X	
Stomach, Glandular		+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Adenocarcinoma, Metastatic, Uterus																		X									
Tongue																											
CARDIOVASCULAR SYSTEM																											
Blood Vessel		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Heart		+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
ENDOCRINE SYSTEM																											
Adrenal Cortex		+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenocarcinoma, Metastatic, Uterus																		X									
Adrenal Medulla		+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Islets, Pancreatic		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parathyroid Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pituitary Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	
Pars Distalis, Adenoma																	X		X	X	X	X	X	X	X	X	
Thyroid Gland		+	+	A	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
C-cell, Adenoma																X				X	X	X	X	X	X	X	
C-cell, Carcinoma																											

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Experiment Number: 20006 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/HSD

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 04/16/2013
 Time Report Requested: 09:53:55
 First Dose M/F: 03/14/07 / 03/15/07
 Lab: BAT

HARLAN SPRAGUE DAWLEY RATS FEMALE 300 mg/kg	DAY ON TEST ANIMAL ID	female (cont...)																							
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	1	1	1	1	3	4	5	5	5	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7
	1	7	8	9	5	1	6	7	9	0	2	3	4	4	6	7	8	8	9	0	1	9	2	2	2
	5	6	4	7	6	6	3	1	2	5	2	0	5	4	5	5	4	8	2	1	9	2	9	2	9
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	5	6	8	7	5	6	8	9	7	8	5	5	9	9	7	9	7	6	6	6	5	5	5	6	6
	2	1	0	6	5	4	4	0	8	7	1	8	5	8	1	6	0	5	9	6	3	6	9	3	7

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland

+

Ovary

+

Uterus

Adenocarcinoma
Adenocarcinoma, Multiple
Polyp Stromal
Sarcoma Stromal

+

X X

X X X X

X

Vagina

Sarcoma Stromal, Metastatic, Uterus
Schwannoma Malignant

+

X

HEMATOPOIETIC SYSTEM

Bone Marrow

+

Lymph Node

Renal, Adenocarcinoma, Metastatic, Uterus

+

+

Lymph Node, Mandibular

+

Lymph Node, Mesenteric

Adenocarcinoma, Metastatic, Uterus

+

X

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

X .. Lesion present

BLANK .. Not examined microscopically

I .. Insufficient tissue

Experiment Number: 20006 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/HSD

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 04/16/2013
 Time Report Requested: 09:53:55
 First Dose M/F: 03/14/07 / 03/15/07
 Lab: BAT

HARLAN SPRAGUE DAWLEY RATS FEMALE 300 mg/kg	DAY ON TEST																										* TOTALS
		0 7 2 9																									
ANIMAL ID	0 0 3 7 2	0 0 3 8 4	0 0 3 8 5	0 0 3 8 6	0 0 3 8 7	0 0 3 8 8	0 0 3 8 9	0 0 3 9 0	0 0 3 9 1	0 0 3 9 2	0 0 3 9 3	0 0 3 9 4	0 0 3 9 5	0 0 3 9 6	0 0 3 9 7	0 0 3 9 8	0 0 3 9 9	0 0 3 9 0	0 0 3 9 1	0 0 3 9 2	0 0 3 9 3	0 0 3 9 4	0 0 3 9 5	0 0 3 9 6	0 0 3 9 7	* TOTALS	
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Adenocarcinoma, Metastatic, Uterus																											1
Mesentery																											1
Fat, Adenocarcinoma, Metastatic, Uterus																											1
Oral Mucosa	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Squamous Cell Carcinoma																											2
X																											
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Adenocarcinoma, Metastatic, Uterus																											1
Acinus, Adenoma																											1
X																											
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Experiment Number: 20006 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/HSD

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 04/16/2013
 Time Report Requested: 09:53:55
 First Dose M/F: 03/14/07 / 03/15/07
 Lab: BAT

HARLAN SPRAGUE DAWLEY RATS FEMALE 300 mg/kg	DAY ON TEST ANIMAL ID																									* TOTALS
		0 7 2 9																								
Adenocarcinoma, Metastatic, Uterus																										1
Squamous Cell Carcinoma																										1
Stomach, Glandular		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Adenocarcinoma, Metastatic, Uterus																										1
Tongue																										1
CARDIOVASCULAR SYSTEM																										
Blood Vessel		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Heart		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
ENDOCRINE SYSTEM																										
Adrenal Cortex		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Adenocarcinoma, Metastatic, Uterus																										1
Adrenal Medulla		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Islets, Pancreatic		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Parathyroid Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	49
Pituitary Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Pars Distalis, Adenoma		X															X									8
Thyroid Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
C-cell, Adenoma																	X									10
C-cell, Carcinoma																										1

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Experiment Number: 20006 - 03

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/HSD

Indole-3-carbino

CAS Number: 700-06-1

Date Report Requested: 04/16/2013

Time Report Requested: 09:53:55

First Dose M/F: 03/14/07 / 03/15/07

Lab: BAT

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Adenocarcinoma																X							3
Adenocarcinoma, Multiple																							1
Polyp Stromal																		X					9
Sarcoma Stromal																			X	X	X		1
Vagina																+							2
Sarcoma Stromal, Metastatic, Uterus																							1
Schwannoma Malignant																X							1

HEMATOPOIETIC SYSTEM

* .. Total animals with tissue examined microscopically: Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I. Insufficient tissue

M - Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Experiment Number: 20006 - 03

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/HSD

Indole-3-carbino

CAS Number: 700-06-1

Date Report Requested: 04/16/2013

Time Report Requested: 09:53:55

First Dose M/F: 03/14/07 / 03/15/07

Lab: BAT

*** TOTALS**

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Adenoma															X			X				2
Fibroadenoma	X	X	X	X	X			X	X													17
Fibroadenoma, Multiple							X									X	X	X	X			6

MUSCULOSKELETAL SYSTEM

Skeletal Muscle
Adenocarcinoma, Metastatic, Uterus

NERVOUS SYSTEM

RESPIRATORY SYSTEM

* Total animals with tissue examined microscopically: Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

X .. Lesion present
I .. Insufficient tissue

M Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Experiment Number: 20006 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/HSD

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 04/16/2013
 Time Report Requested: 09:53:55
 First Dose M/F: 03/14/07 / 03/15/07
 Lab: BAT

HARLAN SPRAGUE DAWLEY RATS FEMALE 300 mg/kg	DAY ON TEST ANIMAL ID	* TOTALS																								
		0 7 2 9																								
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Adenocarcinoma, Metastatic, Uterus																										1
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Adenocarcinoma, Metastatic, Uterus																										1
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
SYSTEMIC LESIONS																										
Multiple Organ Lymphoma Malignant	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
																										1

*** END OF REPORT ***

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically